

MultiSync® GX Series

17" LCD1770GX and 19" LCD1970GX



Only from NEC.

When it comes to computer technology, you want only the best on your desktop. Why should you settle for anything less when it comes to your display? The best in color, brightness, design and overall screen performance are all available in one family of flat-panel displays. The NEC MultiSync GX Series, featuring the 17" NEC MultiSync LCD1770GX and 19" NEC MultiSync LCD1970GX, delivers the utmost in quality and performance to your desktop and adds excitement to all of your applications--from gaming and surfing the Internet to digital photo/video editing and watching DVD movies.

NEC MultiSync GX Series LCDs feature the revolutionary, super-bright OptiClear® screen technology, which delivers true-to-life images with remarkable clarity and color. Dynamic Video Mode further enhances full-motion video and still image graphics with real-time adaptive optimization of brightness, color and contrast. Lightning-fast response times (8ms) ensure interruption-free viewing of high-speed video and games, while the 4-port USB 2.0 powered hub makes it easier than ever for you to connect to peripheral devices such as MP3 players, digital cameras, storage devices, joysticks and more. Ambix® technology allows you to work seamlessly in either digital or analog environments, and a dynamic cabinet design featuring height-adjustment, tilt, swivel, cable management and NaViKey™ image controls adds flexibility and comfort to your viewing preferences.

The NEC MultiSync GX Series. The ultimate visual solution for your computing experience.

Series Features and Benefits

Super-bright OptiClear screen technology provides rich color saturation, remarkable clarity and true-to-life contrast to enhance the user's overall visual perception

Rapid Response™ technology (8ms) delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video

Ambix dual-input technology allows for digital/analog compatibility with upgraded video cards and software as well as connection to two systems

Integrated USB 2.0 powered hub adds flexibility to your computing by easily connecting you to joysticks, digital cameras and more

Dynamic Video Mode enhances video and images with real-time optimization of brightness, color and contrast

Multi-directional NaViKey allows for easy screen settings adjustment

No Touch Auto Adjust™ reduces setup time and provides optimal image settings upon initial power-on

Height-adjustable stand adds flexibility and comfort to your viewing preferences with swivel, tilt and cable management capabilities

NEC's quality and reliability provide peace of mind with a 3-year limited parts and labor warranty (including backlight) and 24/7 customer service and technical support

www.necdisplay.com/gx

The MultiSync GX Series offers you many enhanced features to make time in front of your computer as fun and exciting as possible.

Integrated 4-port USB 2.0 powered hub for easier connection to high-speed peripheral devices



Multi-directional NaViKey allows for easy menu navigation and screen settings adjustment



Ergonomic base offers 340° left/right swivel, 35° tilt, 110mm of height adjustment and cable management



Model	LCD1770GX	LCD1970GX	
Display	Viewable image size Pixel Pitch Pixels per inch Brightness (typical) Contrast Ratio (typical) Viewing Angle (typical) Response Time (typical) Display Colors	17"/43.3 cm .264mm 96 @ native resolution 400 cd/m² 500:1 80U/80D/80R/80L (CR>5) 8ms More than 16 million	19"/48.2 cm .294mm 96 @ native resolution 400 cd/m² 700:1 85U/70D/85R/85L (CR>5) 8ms More than 16 million
Synchronization Range			
Horizontal	31.5-81 KHz (analog) 31.5-69 KHz (digital)	31.5-81.1 KHz	
Vertical	56-75 Hz (analog) 50-76 Hz (digital)	56-75 Hz	
Input Signal			
Video	Analog 0.7 Vp-p/75 Ohms Separate sync: TTL Level (positive/negative) Composite sync: TTL Level (positive/negative) Composite sync on green: (0.3 Vp-p negative 0.7 Vp-p positive)	Analog 0.7 Vp-p/75 Ohms Separate sync: TTL Level (positive/negative)	
Sync			
Input	Analog VGA 15 pin D-sub, DVI-D	Analog VGA 15 pin D-sub, DVI-D	
Resolutions Supported	ANALOG/DIGITAL 720 x 400 @ 70-75 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 864 @ 70-75 Hz 1152 x 870 @ 75 Hz 1280 x 1024 @ 60-75 Hz	ANALOG/DIGITAL 720 x 400 @ 70-75 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 864 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60 Hz 1280 x 1024 @ 60-75 Hz	
Native Resolution	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz	
Voltage Rating	AC 100-120V/AC 220-240V	AC 100-120V/AC 220-240V	
Power Consumption (typical)			
On	47W	52W	
Power Savings Mode	<3W	<4W	
Power Off Mode	<1W	<2W	
Dimensions (W x H x D)			
Net (with stand)	14.4 x 14.3-18.6 x 7.8 in. 367 x 362.5-472.5 x 198mm	16.2 x 15.2-19.5 x 8.7 in. 412.5 x 386.5-496.5 x 220mm	
Gross (carton box)	17.7 x 20.1 x 8.9 in. 450 x 510 x 226mm	18.9 x 19.5 x 11 in. 479 x 496 x 279mm	
Weight			
Net (with stand)	13.4 lbs./6.1 kg	16.3 lbs./7.4 kg	
Gross (carton box)	17.9 lbs./8.1 kg	21.4 lbs./9.7 kg	
Environmental Conditions			
Operating Temperature	5-35°C/41-95°F	5-35°C/41-95°F	
Operating Humidity	10-80%	30-80%	
Operating Altitude	3048m/10,000 ft.	3048m/10,000 ft.	
Storage Temperature	-20-60°C/-4-140°F	-10-60°C/14-140°F	
Storage Humidity	5-95%	10-85%	
Storage Altitude	9145m/30,000 ft.	12,192m/40,000 ft.	
Limited Warranty	3 years parts and labor, including backlight	3 years parts and labor, including backlight	
Technical Support	24 hours/7 days	24 hours/7 days	

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12/04 ver. 1.

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